

Figure 1

figure 2a

*lpi* (SEQ ID NO 2)

ATCTATATAGTTAATGAATAATTAAATGTAATTTTTTTTACTAGTCATTAAATAAATTAGTACTAATTACT

AAGGAGATAAAAAATGAAAAATTAGAAATCTATACCTTGGCGGGAACCTTTAGCAATCGTTTTTAGCATCACCCAC

TAGTAACATAATCTAGATAAAAAATGAGGCCACAGCTAGCACAGCTTGGCCACATCGAATGAATATCAAAACG

AAAAGTTAGCTAATGAATTAAAAATCGTTATTAGATGACATAAATGTTAATGAATTAGCTACTGGAAAGTTTAA

T

ACACTTATTATAAGCGAATCTATAAAAAATTCAGGTCAAAAGCAATGTATGCTCTTAACTCAAAAGACCTTTA

AGAAAATGTCAGAGCAAAATATCAACTTCAAAAGATTTTATAACGAAATTGACGAGCCTAAAAAGTAAT

ATTAAAAAACCCCGTAAAGGGTGGTTTAAATTTTCTAGATAATATAAAAGTGTTCATAAATAAACACAG

TATAGG

Figure 2b

*Ip1B* (SEQ ID NO 4)

GGAGAGTTTACAATGAATTTAAAAATATATATTAACAGGAACATTAGCAT  
TACTTTTATCATCAACTGGGATAGCAACTATAGAAGGGAATAAAGCAGATG  
CAAGTAGCTGGACAAATATTTAACTGAAAGTCAGTTTCATGATAAACGCA  
TAGCAGAAGAATTAAAGAACTTTACTTAAACAAATCGAATGTATATGCATTAG  
CTGCAGGAAGCTTAATCCATATTTATAAAGGTACGATTATGATGAATGAAT  
ATAGAGCTAAGCGGCACTTAAGAAAAATGATTTTCGTATCAATGGCTGATG  
CTAAGTTGCATTAGAAAAAATATACAAAGAAATTTGATGAAATTTATAATA  
GATAAT

*Ip1C* (SEQ ID NO 6)

GGAGAATTTACAATGAATTTAAAAATATATATAGTAGCAGGAACATTAGCAGTACTATTATCAACAACAGCAGTATCAACGTTAGATGGAA  
TAAAGCAGATGCAAGTAGTAAGAAAGACTATATATAATTCAAAGTGAGTTTCATGATAAACGAATTTGCTGAAGAAATTGAAATCATTACTTTGATC  
AATCTATGTAAATGATTTAGCTGCAGGAAGCTTTAAACCCATCTACAAACGTTATGATTATGATGAACCAATATAGAGCAAAAAGCAGCACTA  
AAAAGTAATTAATTCGCAAAAATGGCTGAAGCTAAAGTTGGATTAGAAAAACATTTACAAAGAAATTTGATGAAATTTATATAATAGATAAT

*Ip1D* (SEQ ID NO 8)

GGAGTAACAAAGCATGACAAACACAAATGAAATCAAAACATATTTAGTTGCTGGTATTAAAGCGGCGCTCTTGATACGACTGGTATTAAA  
TTAGCAAGCAAAATCTGAAACTACATCACATACGATATCAACATCAAGCGCTTGTAGATCAATTACATGAAATTAATAGCAAAACACTGACTTAAA  
TAAATTATCGTACCTAAATTTAGATGCGGTTTCAAAAACGCGATATTTTAGCTGCGCACTATATTGCAAAATCGGCTATACGCACATAAAAATTTT

T G

CGATCAAAATGACTAAAGCGAAACAAAGATTAGAAGATTTTACAATTCATTTCTAACCCCTTTGCATTCACAAAACAATTAATAATTCA

Figure 3LPI (116aa) (SEQ ID NO 3)MKIRKSILACTLIAVLASPLVTNLDKNEAQASTSLPTSNEYQNEKLANELKSLDELNVNELATGSLNTYYKLRTIKISGQKAMYALKSKDFKMSSEAKYQLOKIYNEIDEALKSKYLPI-B (116aa) (SEQ ID NO 5)MKFKKYILTGTLALLLSSTGIATIEGNKADASSLDKYLTSQFHDKRIAEEELRTLLNKSNNVYALAAGSLNPYYKRTIMMNEYRAKAAALKKKNDFVSMADAKVALEKIYKEIDEIINRLPI-C (116aa) (SEQ ID NO 7)MKFKKYIVAGTLAVLLSTTAVSTLDGNKADASSKKDYIIQSEFHDKRIAEEELKSLDDQSYVNDLAAGSLNPYYKRNIMMNQYRAKAAALKSNFNAKVAEAKVGLENIYKEIDEIINRLPI-D (114aa) (SEQ ID NO 9)MTTQMKIKTYLVAGIKAALLDGTGIKLASKSETTSTHTYQHQAIVDQ<sup>H</sup>HELIA<sup>D</sup>NTDNLKLSYLNLD<sup>D</sup>AFQKH DRDILAAHYIAKSAIRTKNLDQMTKAKQRL<sup>H</sup>ESIYNSISNPLH<sup>D</sup>SQNN

Figure 4

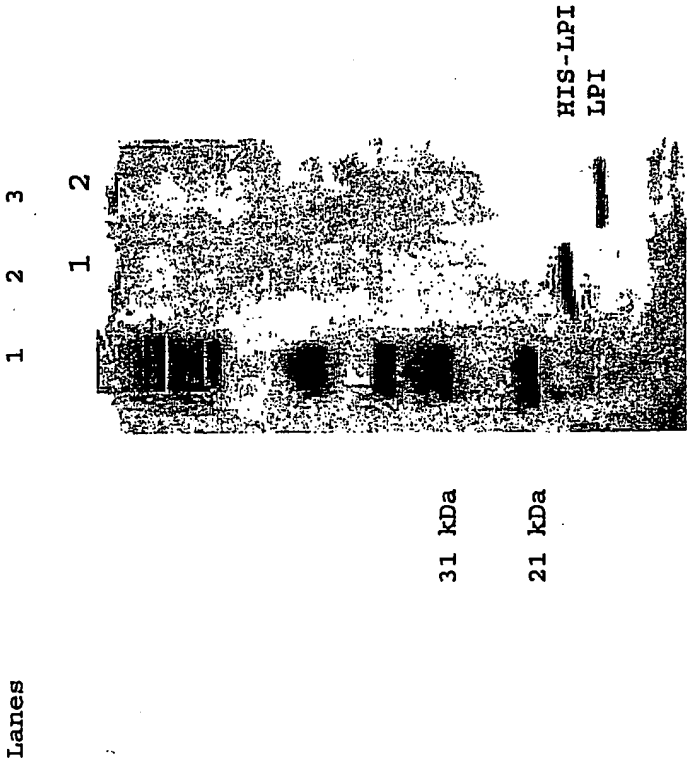
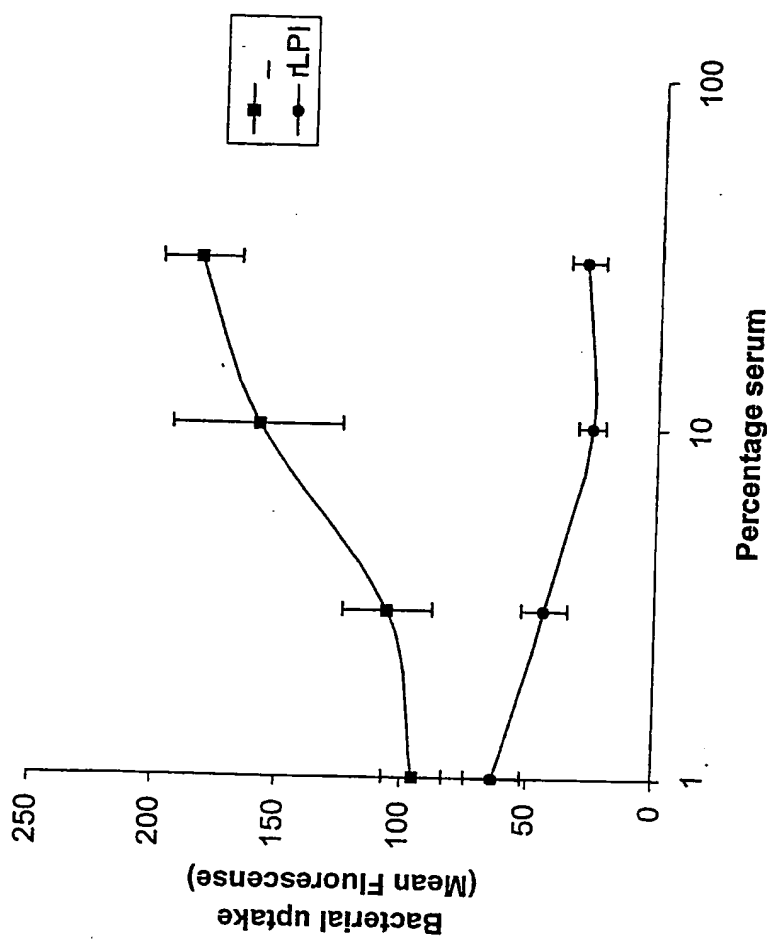


Figure 5



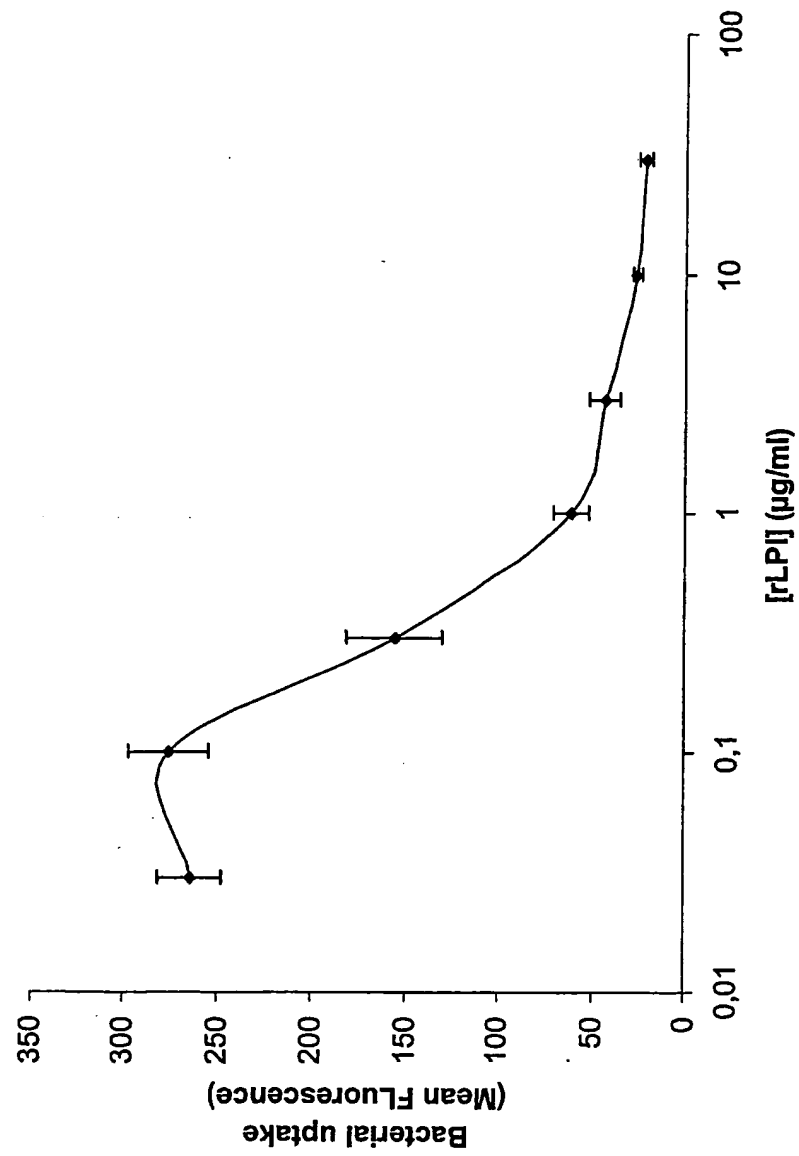


Figure 6

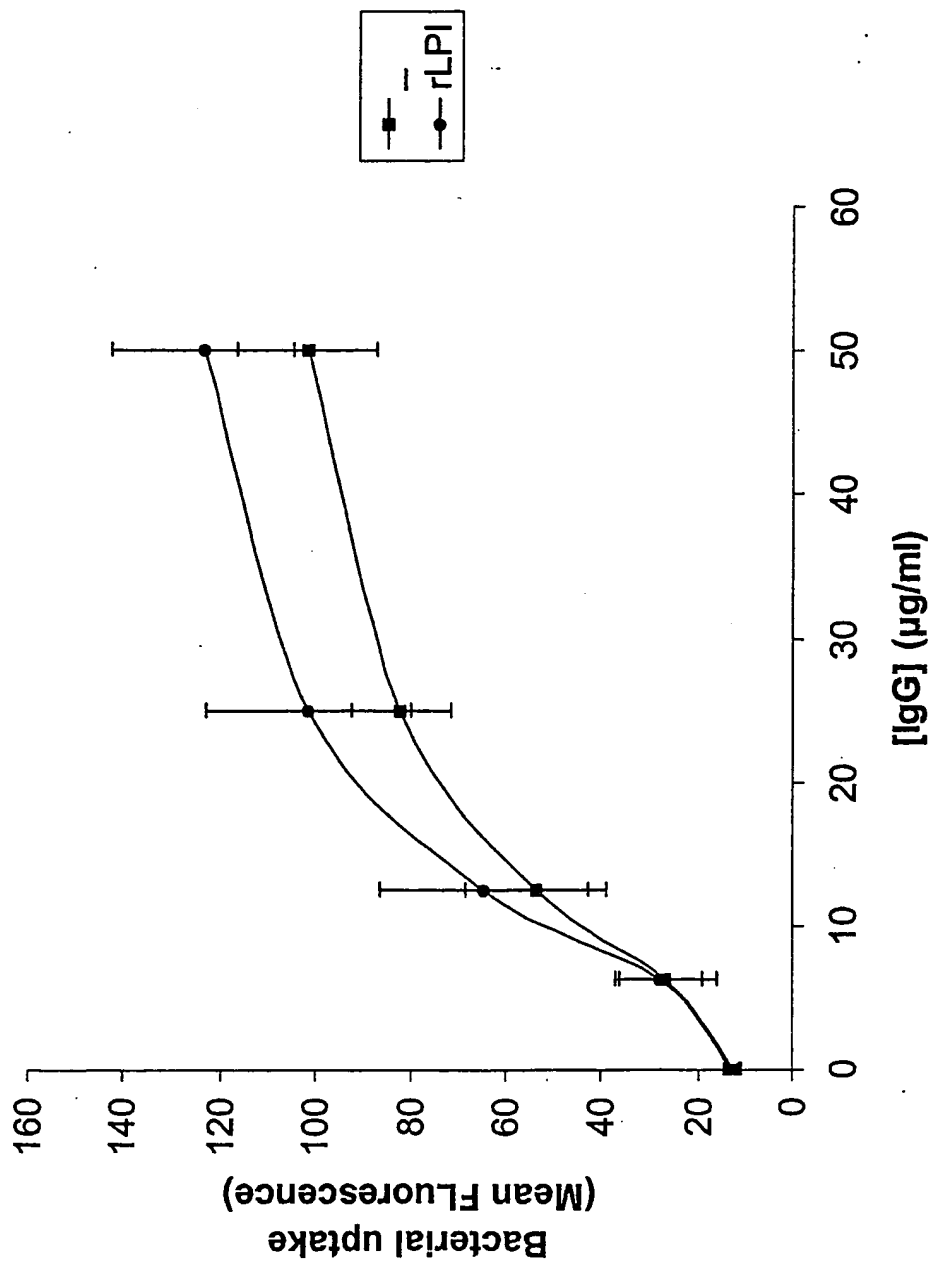
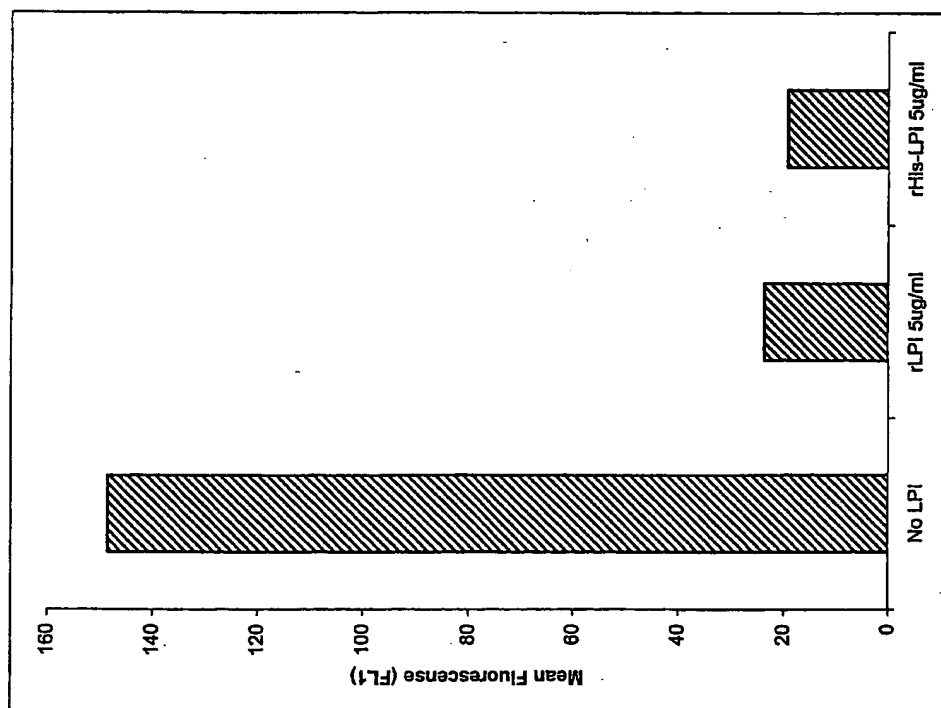


Figure 7



Figure 8



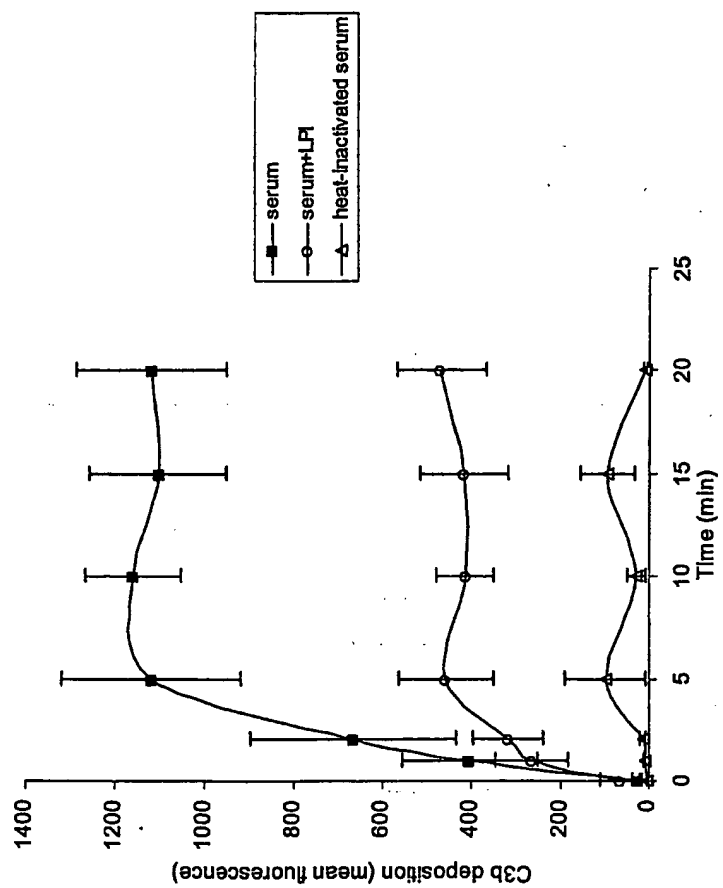


Figure 9

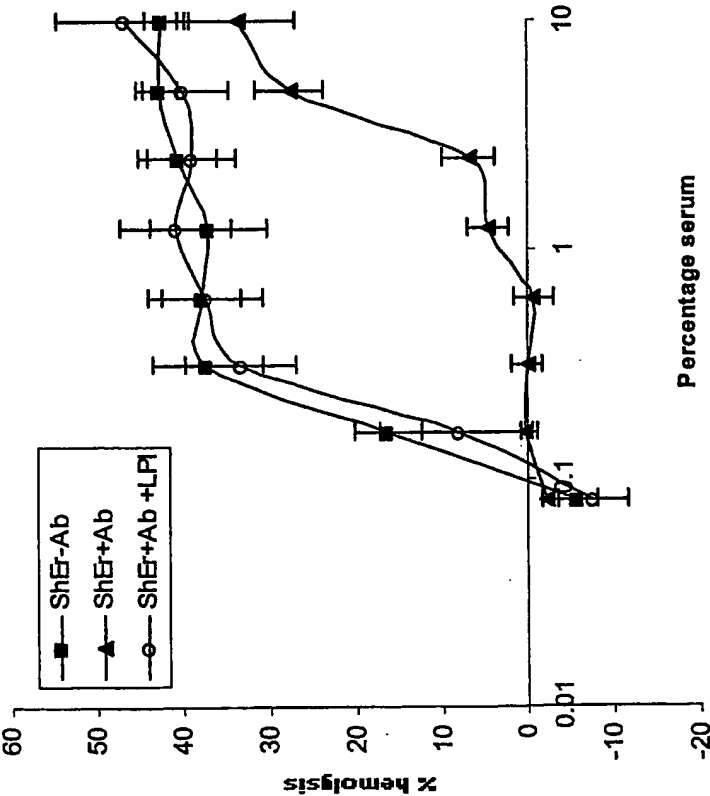


Figure 10

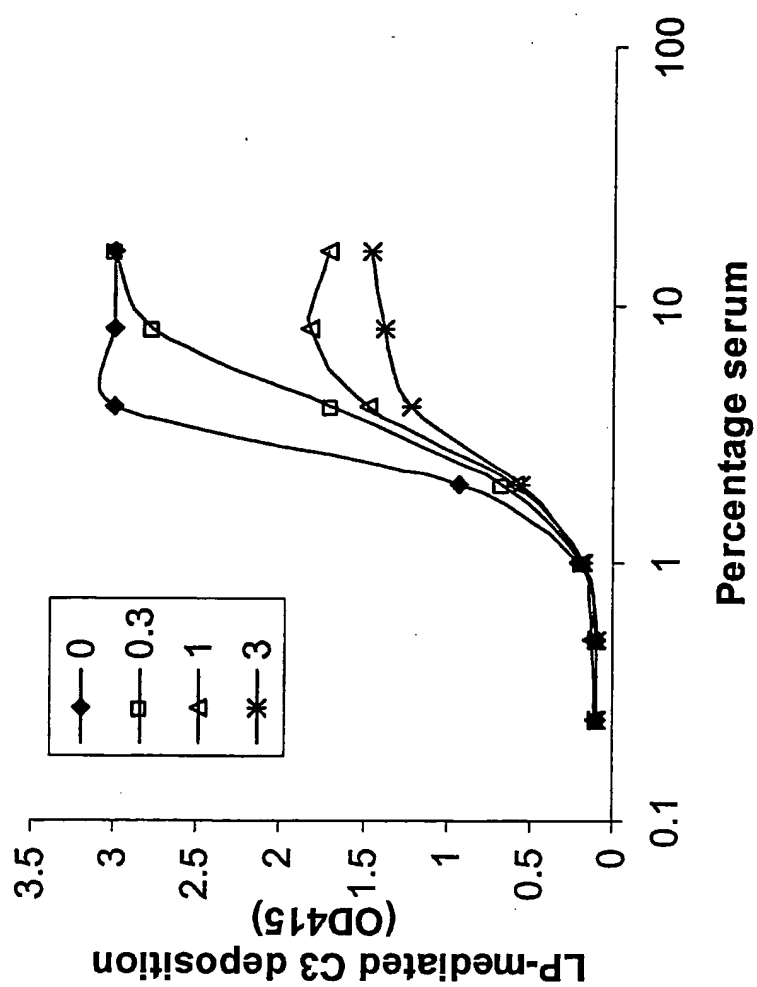
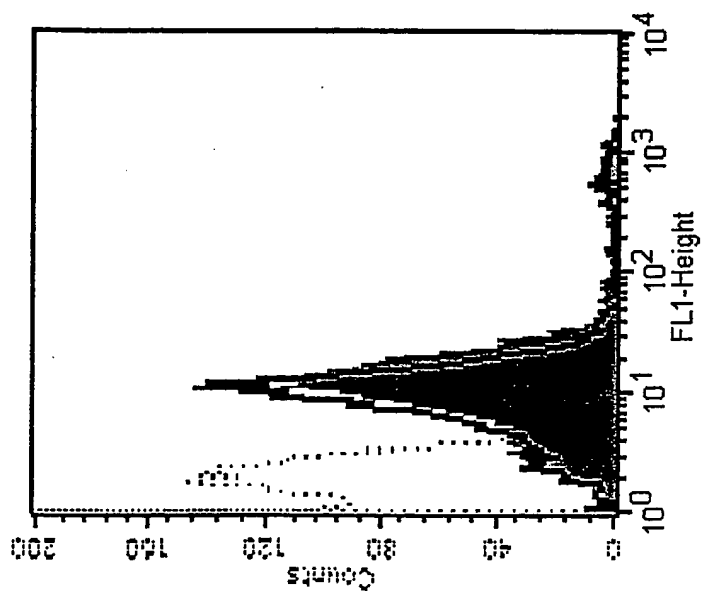


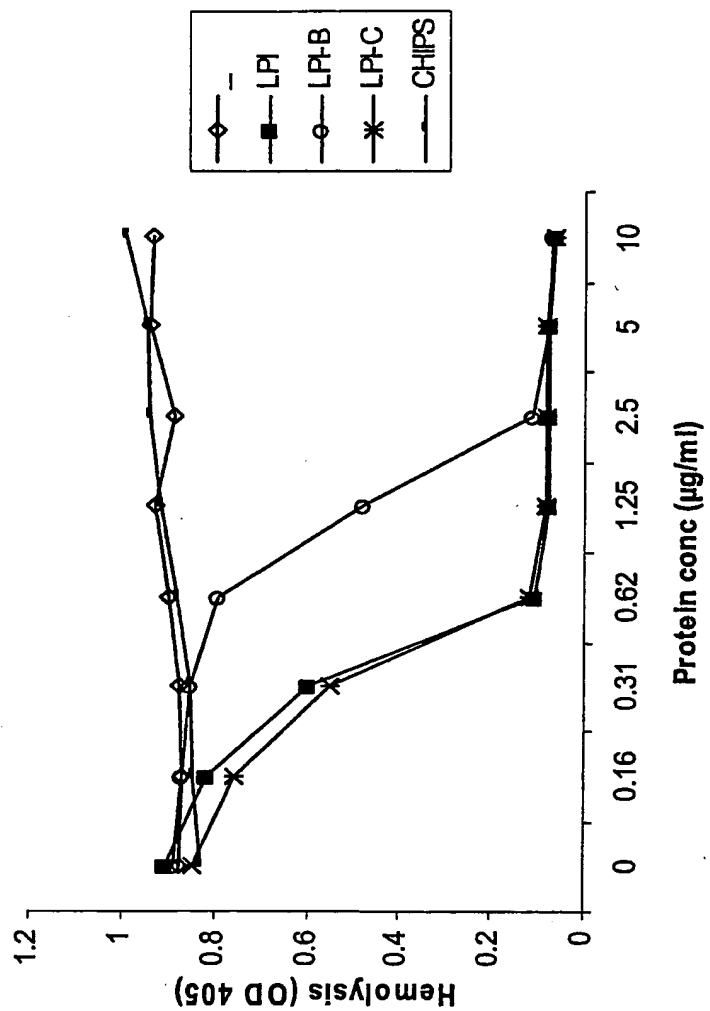
Figure 11

Figure 12

12A



12B



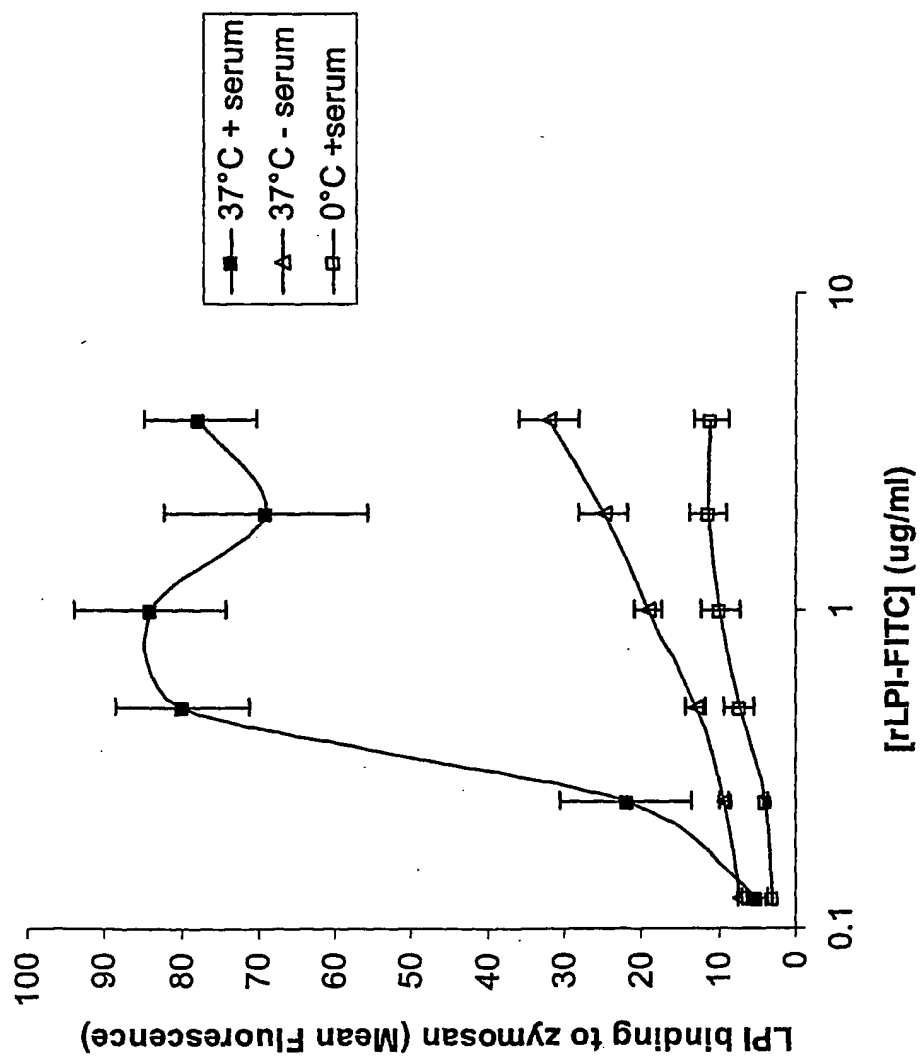


Figure 13

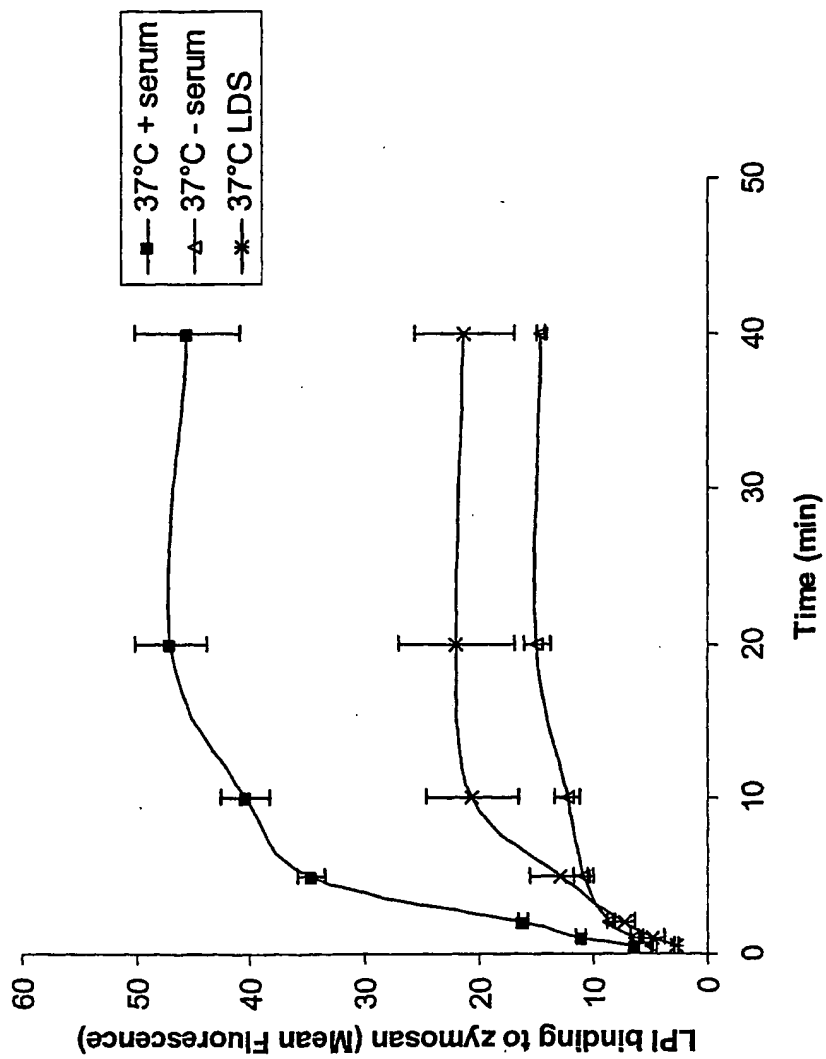
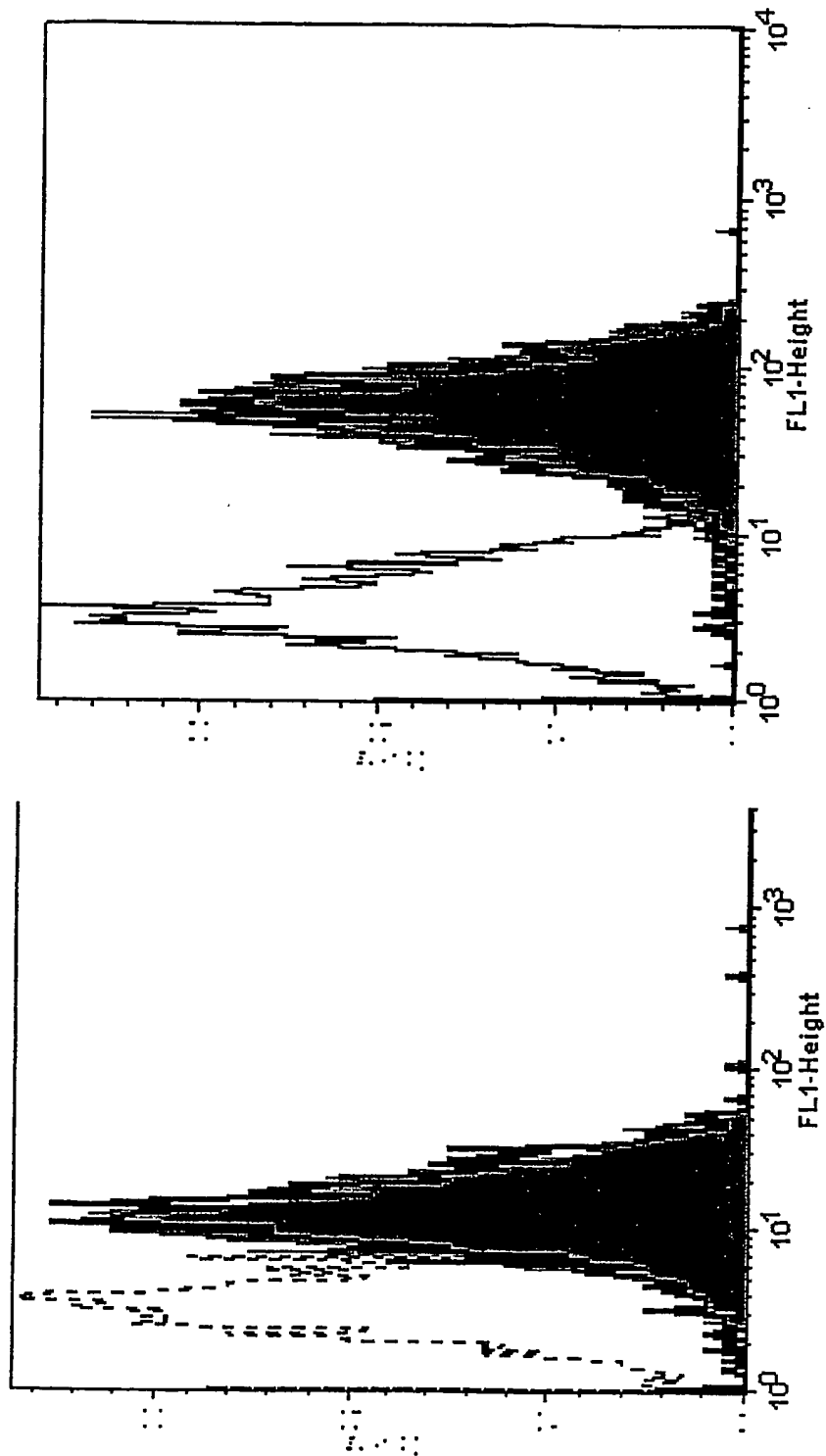


Figure 14

Figure 15





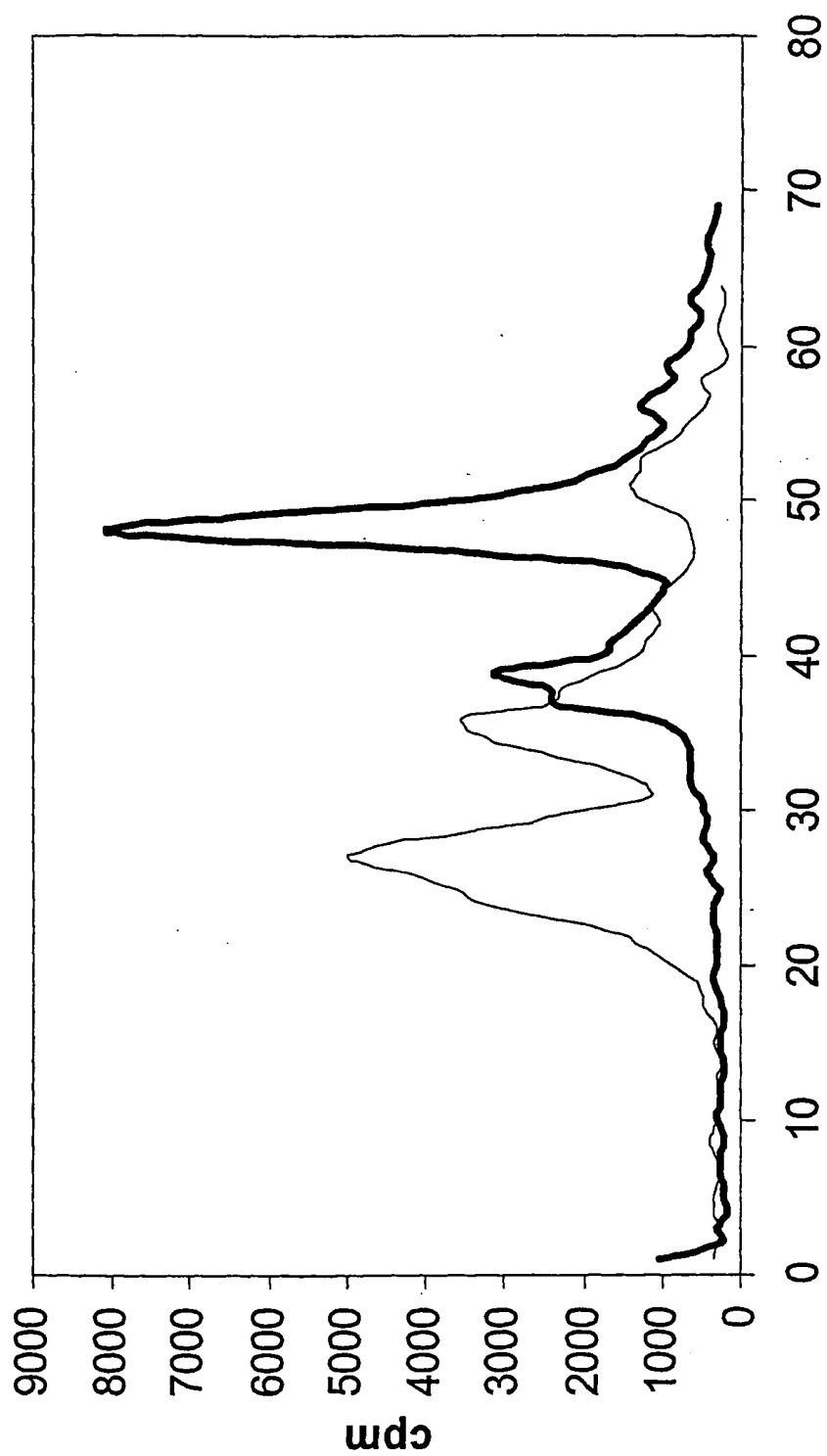
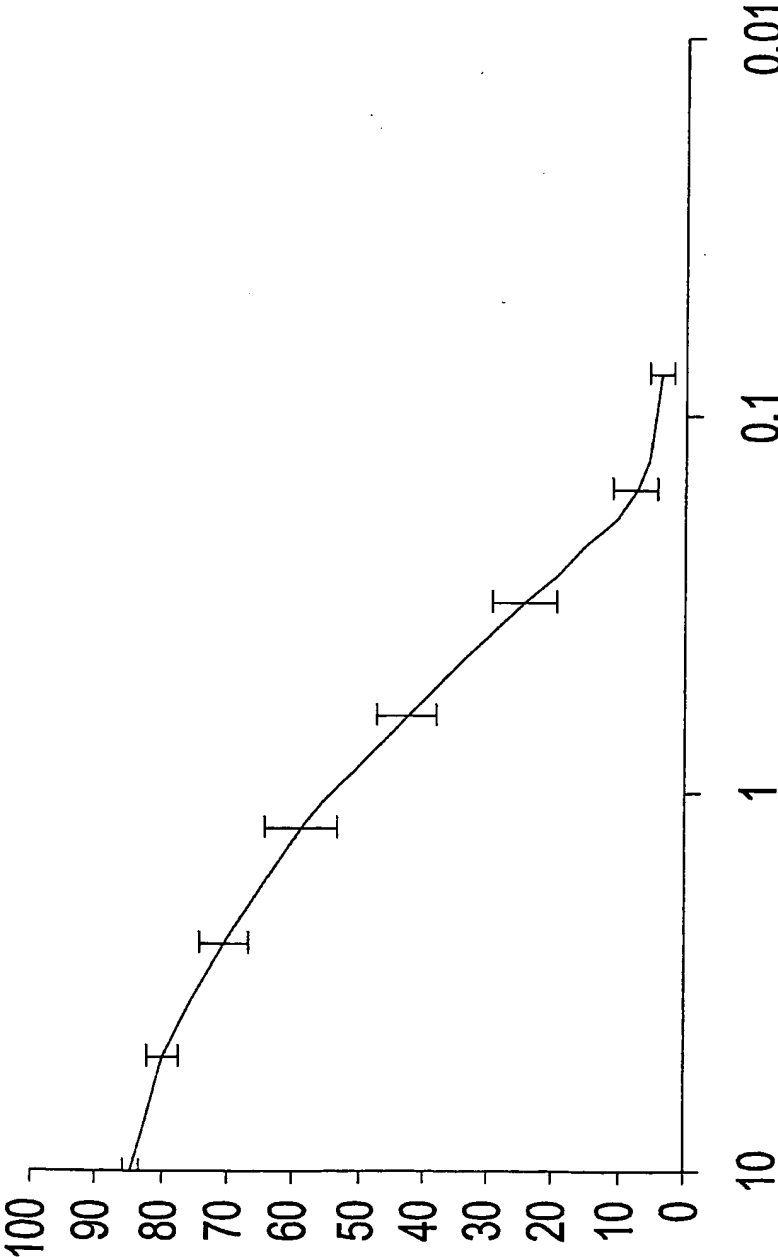


Figure 16

Figure 17



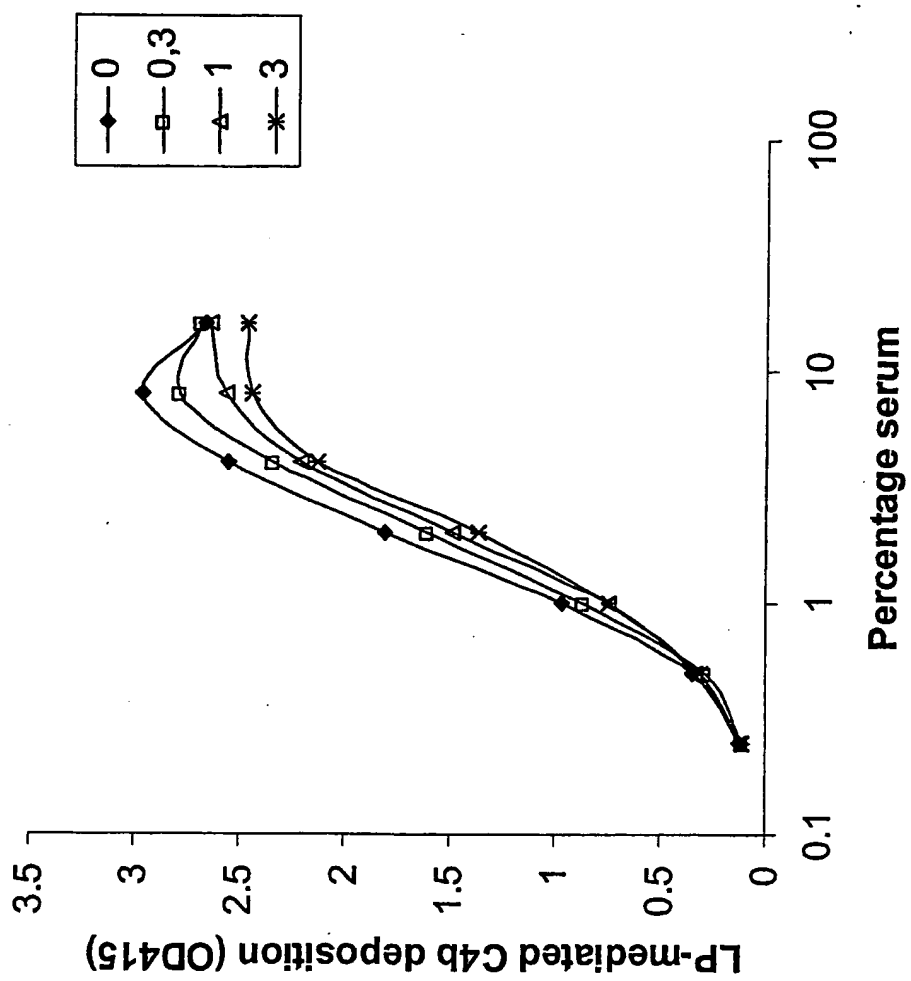


Figure 18

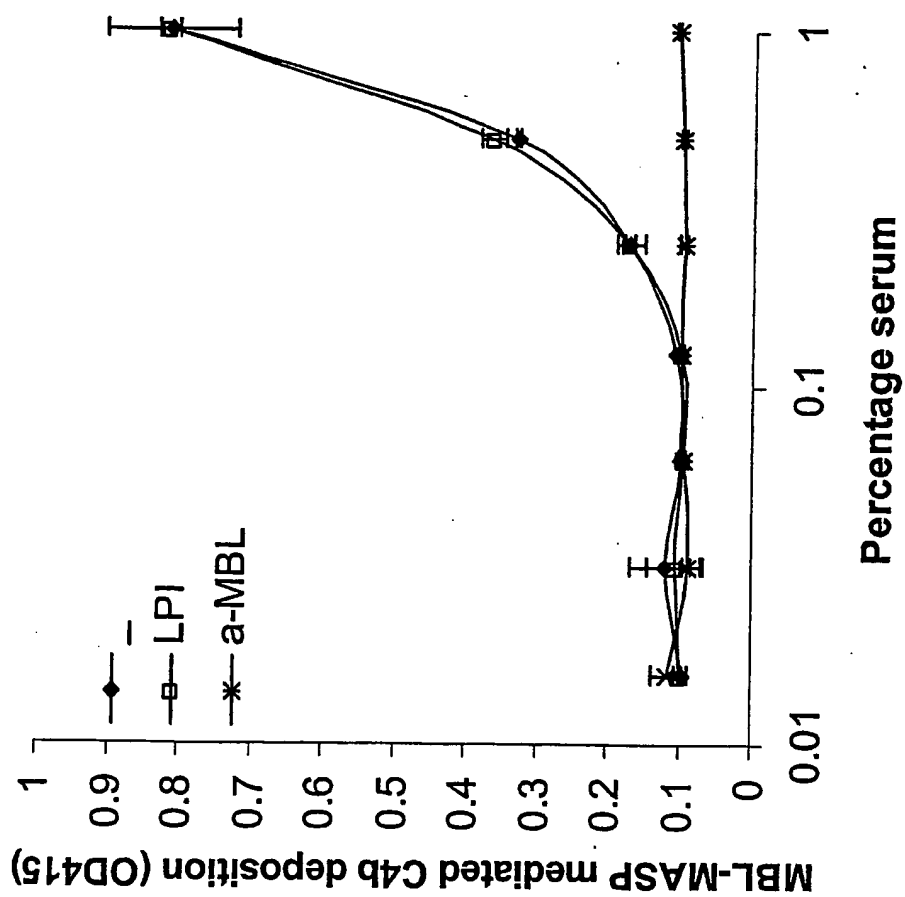
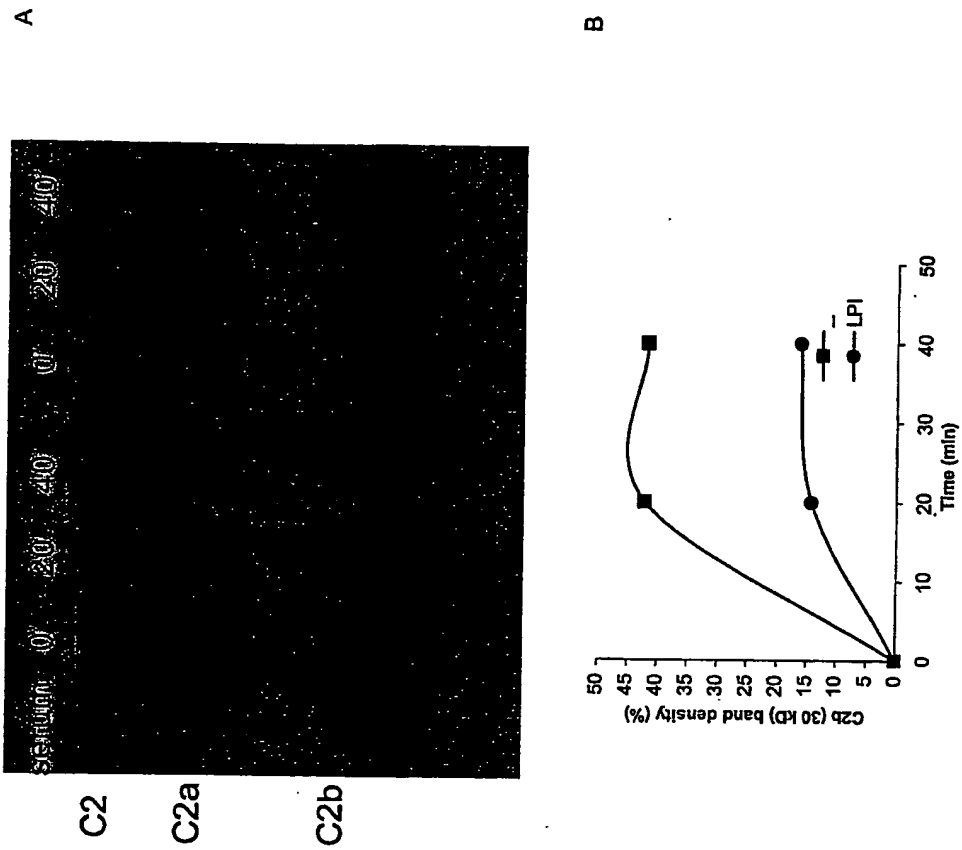


Figure 19

Figure 20



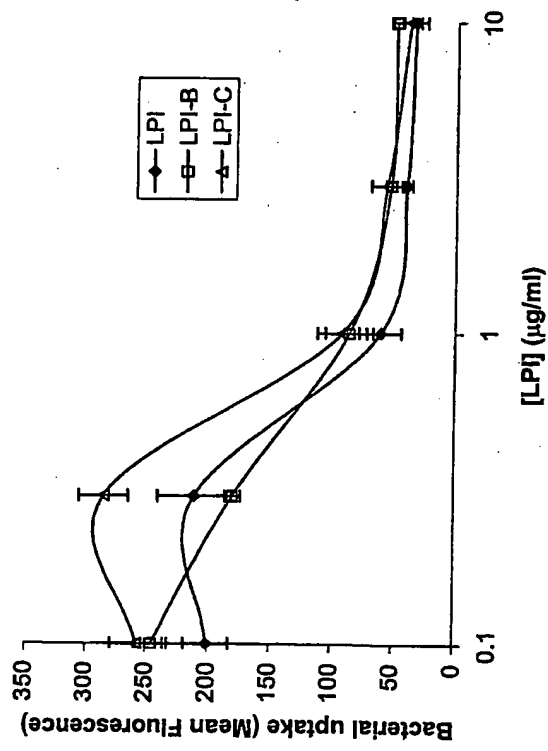


Figure 21

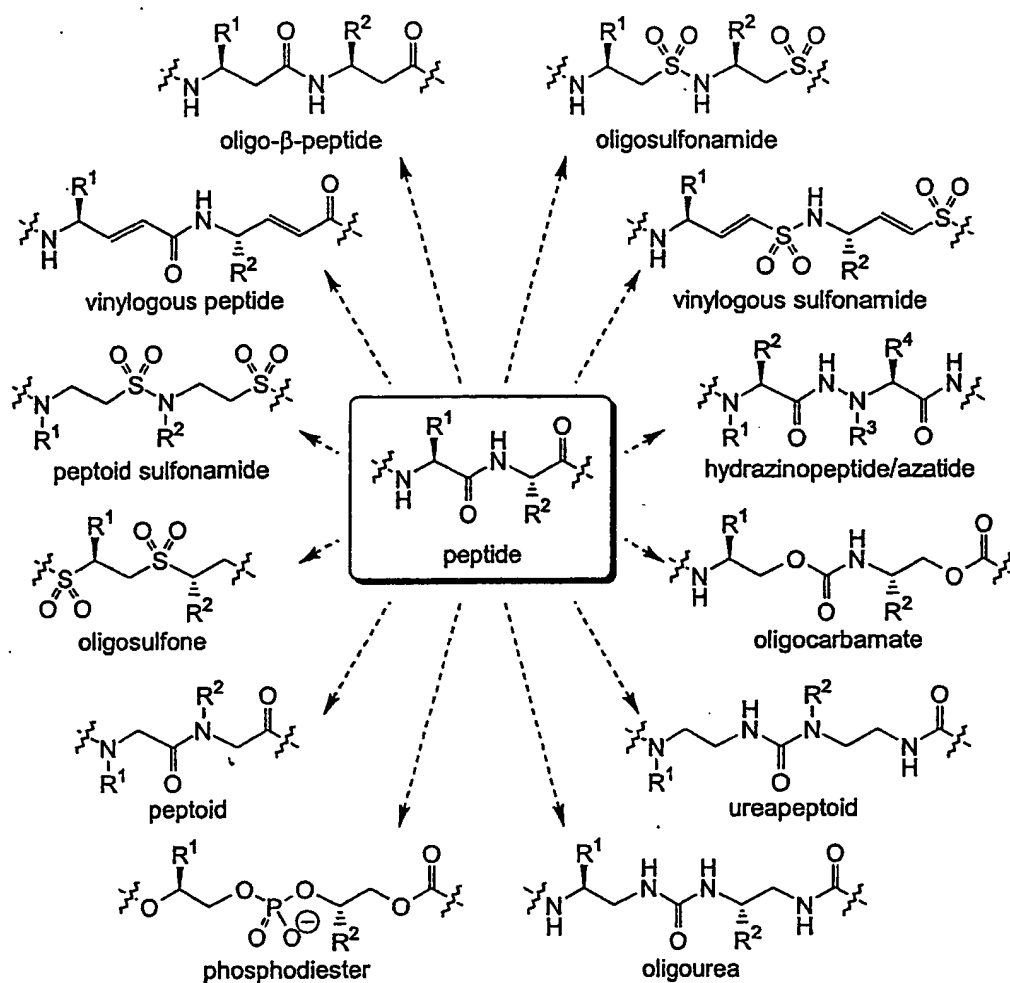


Figure 22 Structures of oligomeric peptidomimetics compared to the peptide structure